

Date: Wed, 24 Aug 94 04:30:08 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #956
To: Info-Hams

Info-Hams Digest Wed, 24 Aug 94 Volume 94 : Issue 956

Today's Topics:

 FLAME the FCC
 FT530 breaks squelch when it shouldn't
 Handies and NiMH accus?
 IPS Daily Report - 23 August 94
 QST the logo/QST the signal --- revisited
 Slow Code idea by Wa

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 24 Aug 1994 00:38:13 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!
col.hp.com!csn!jstuart@network.ucsd.edu
Subject: FLAME the FCC
To: info-hams@ucsd.edu

: Have you by chance called the FCC license bureau in Gettysburg, Penn. The
: number is 1-717-337-1212. Maybe there was a mistake. And, what did you
: expect the ARRL to do?

: Jeff, KE4AUT

Don't bother calling the FCC. I'm waiting for my upgrade too. I think we
are at the end of a large backlog. Us May testers are still in limbo
while I am reading July people are getting their tickets already! Maby
they are converting to a new system and we are being triaged.

73
de
Jon K0BMOI

Date: Tue, 23 Aug 1994 19:30:54 GMT
From: ihnp4.ucsd.edu!pacbell.com!well!barrnet.net!agate!howland.reston.ans.net!
sol.ctr.columbia.edu!usenet.ucs.indiana.edu!indyvax.iupui.edu!
jsissom.dmed.iupui.edu!JAY@network.ucsd.edu
Subject: FT530 breaks squelch when it shouldn't
To: info-hams@ucsd.edu

Mine does this too. I don't think it has anything to do with the squelch
decode. I haven't figured out exactly when or why it does it. Other than
this little thing, the radio seems to be great.

Jay
KA90KT

>Hello,

>A friend of mine bought a Yaseu FT530 handheld and it seems
>to behave differently than mine. In his, the squelch
>seems to open momentarily when the radio pauses on a
>channel while scanning. This channel is set to tone
>squelch decode at a tone of 107.2 Hz. Most of the time it
>has a data transmission and on occasion, voice with the PL
>tone added. The voice is what he is interested in
>hearing. The result is an annoying data noise burst from
>the radio. The behavior is irregular (it doesn't do this
>every time it scans the channel). My radio does not do
>this.

>My question: is this, by chance a known problem with the
>FT530? Sending it back is a last resort...

>73,
>Peter

> 0 Peter A. Stokes _____ Voice & Voice mail: (613) 545-2923
> <^- Engineering Applications Support _____ FAX: (613) 548-8104
> \/\ Canadian Microelectronics Corporation _____ Net: stokes@cmc.ca
> \ Kingston, Ontario, CANADA _____ Radio: VE3ZXT @ VE3CDY
> "Don't believe any advice you read"

Date: Mon, 22 Aug 1994 09:43:05 -0400
From: ftpbox!mothost!lmpsbbs!NewsWatcher!user@uunet.uu.net
Subject: Handies and NiMH accus?
To: info-hams@ucsd.edu

In article <330n6q\$oa8@hebron.connected.com>, pacpp@connected.com (K R Jeffcoat) wrote:

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> Detlef Marxsen <dema@astrax.hanse.de> wrote:
> >Hello *,
> >I'm about to buy a 2m / 70 cm handy.
> >I would like to know if there are NiMH accus available for handies.
> >Do all/few/no brands offer that kind of accus?
> >I hate the memory effect of NiCd accus ...
> >
> >Tnx,
> > Detlef (DD3XD).
>
> Detlef:
>
> I have not seen any Nickel Metal Hydride battery packs offered yet,
> probably due to some charging differences between them and NiCd and the
> fact that most of the quality cells are diverted to volume users. You
> may want to keep an eye open for cells offered by VARTA (made by Toshiba)
> and some made by SAFT in France. With the increased cell capacities now
> available in NiCd, NiMH seems only practical in situations where every
> minute of runtime is critical....(Laptops, cell phones...etc.) Check out
> QST in the next few months for an article if you have access to a copy.
>
>
> Regards
>
> Ken Jeffcoat
> --
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Actually NiMH packs DO have a practicality that most hams seem to overlook: NiCd cells are classed as hazardous waste because of the cadmium content. Therefore they cannot be disposed of by classical means such as putting them out with your residential trash. They can't even be transported by a licensed hauler in many states! In fact, if your local waste hauler inadvertently does accept them (even unknowingly) and they are discovered later in a landfill, he can be hit with an immediate automatic \$10,000 fine, plus the entire cost of cleaning up the environmental mess they create. This information is not new, but I doubt that you will find it in the GE (they own the trademark on "NiCad") battery literature or that from other suppliers. Instead, ask them for the OSHA Material Safety Data Sheet (MSDS) to find out the gory details.

NiMH cells are not currently classified as hazardous waste material and can still be disposed of in a reasonable fashion. Their higher initial cost is offset by slightly higher capacity per unit volume and lower disposal cost at end-of-life. The "increased cell capacities now available in NiCd" in the amateur market are primarily due to the shift by large users to NiMH technology, which has created a surplus of the older (obsolete and "dirty") batteries in the marketplace. Manufacturers are trying to sell off their NiCd inventory

NiMH's do not hold a charge on the shelf as well or as long as NiCd cells do, but they give better performance and efficiency in actual current-draining service. The so-called "memory effect" attributed to NiCd cells is virtually non-existent when the cells are charged properly, stored and used according to manufacturer recommendations.

There is no single power cell technology which will meet all your stated needs. However, you can obtain the performance that you seem to want by using different cell types and exploiting their best characteristics. If you want shelf life and capacity for emergency on-call applications, use a pack of one-time zinc-carbon or alkaline primary batteries. When you respond, put the NiMH pack on fast charge while you clock a few hours on the flashlight cells. Then switch over and put the flashlight cells back in the refrigerator where they will be ready to go again when needed.

--

Karl Beckman, P.E.	<	If our English language is so	>
Motorola LMPS.RNSG.Analog Data	<	precise, why do you drive on the	>
(Square waves & round corners)	<	parkway and park on the driveway?	>
Opinions expressed here do not belong to or represent Motorola Inc.			
Amateur radio WA8NVW		NavyMARS NNN0VBH @ NOGBN.NOASI	

Date: Tue, 23 Aug 1994 23:17:26 GMT
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!
isclient.merit.edu!msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!
rwc@ames.arpa
Subject: IPS Daily Report - 23 August 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 23/2330Z AUGUST 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 23 AUGUST AND FORECAST FOR 24 AUGUST - 26 AUGUST

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 72/8

GOES satellite data for 22 Aug

Daily Proton Fluence >1 MeV: 8.7E+05

Daily Proton Fluence >10 MeV: 1.4E+04

Daily Electron Fluence >2 MeV: 1.2E+07

X-ray background: A1.0

Fluence (flux accumulation over 24hrs)/ cm²-ster-day.

1B. SOLAR FORECAST

	24 Aug	25 Aug	26 Aug
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 24 Aug: 70/5

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices : A	K	Observed A Index 22 Aug
Learmonth	6 3221 1211	
Fredericksburg	10	10
Planetary	8	8

Observed Kp for 22 Aug: 2211 2233

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
24 Aug	15	Quiet to unsettled, with possible active periods
25 Aug	10	Quiet to unsettled
26 Aug	10	Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
23 Aug	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
24 Aug	normal	normal	normal
25 Aug	normal	normal	normal
26 Aug	normal	normal	normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE T-index MUFs at Sydney

23 Aug 28 near predicted monthly values to 15% enhanced

Predicted Monthly T-index for August: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE T-index MUFs

24 Aug 25 Near predicted monthly values to 15% enhanced

25 Aug 20 Near predicted monthly values

26 Aug 20 Near predicted monthly values

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IPS Regional Warning Centre, Sydney		IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329		PO Box 5606
Recorded Message tel: +61 2 4148330		West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331		AUSTRALIA

Date: 24 Aug 1994 00:04:07 GMT

From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!
isclient.merit.edu!msuinfo!netnews.upenn.edu!netnews.upenn.edu!yee@ames.arpa

Subject: QST the logo/QST the signal --- revisited

To: info-hams@ucsd.edu

>conventions in 1910/1912 or so. The accepted designation for the
>signal QST is ``General call to all stations'' or the interrogatory
>form ``Have you received the general call to all stations?''
>Hence, Hiram and Clarence would have borrowed it from there,

This begs the question...

What is the difference between CQ and QST?

--

Medical Image Processing Group		73 de Conway Yee, N2JWQ
411 Blockley Hall		EMAIL : yee@mipg.upenn.edu
423 Guardian Drive		TELEPHONE : 1 (215) 662-6780
Philadelphia, PA 19104-6021 (USA)		FAX : 1 (215) 898-9145

Date: Wed, 24 Aug 1994 00:26:50 GMT

From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!
zip.eecs.umich.edu!yeshua.marcam.com!charnel.ecst.csuchico.edu!csusac!csus.edu!
netcom.com!jchandle@ames.arpa

Subject: Slow Code idea by Wa
To: info-hams@ucsd.edu

In article <2d.23418.2003.0N850E8A@exchange.com> john.tant@exchange.com (John Tant) writes:

>Al "alanb@hpnmarb.sr.hp.com"

>John, N4XAN (adv. class - learned 13 wpm for the license in 1990, haven't
> used it 3 times since)

I know how that is John. I have had exactly 3 CW QSOs. I got my Extra because I wanted HF privileges and did not want to memorize where the phone subbands fell. Maybe one of these days I will actually use the other half of the HF spectrum utilizing one of the other digital modes. I glad that I know CW, but like learning Shakespeare, it is not something that I expect to use more than a few times a year.

--

Jim Chandler, N0VAH/AE
jchandle@netcom.com
finger netcom for public key

End of Info-Hams Digest V94 #956
